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Docket No. NB 2017.00

**Certificate of Mailing/Transmission (37 C.F.R. § 1.8(a)):**

[X] Pursuant to 37 C.F.R. § 1.8, I hereby certify that this paper and all enclosures are being deposited with the United States Postal Service as first class mail on the date indicated below in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Dated: April 15, 2004

Name of Person Certifying: Peggy Nichols

Printed Name: Peggy Nichols

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: H. Michael Shepard, et al.

Confirmation No.: 4437

Filing Date: July 20, 2001

Examiner: Smith, Carolyn L.

Serial No.: 09/910,345

Group Art Unit: 1631

Title: METHOD, SYSTEM, AND COMPUTER PROGRAM  
PRODUCT FOR IDENTIFYING DRUG TARGETS AND  
ENZYMES (AS AMENDED)

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Paper is submitted in response to the Office Action issued December 15, 2003, by the U.S. Patent and Trademark Office in connection with the above-identified application. A response to the Office Action was originally due March 15, 2004. Enclosed herewith is a Petition for a One Month Extension of Time and authorization to charge the amount of the extension fee to the undersigned's Deposit Account. In view of the filing of this Petition and payment of the fee, a response is now due April 15, 2004. Accordingly, this Response is timely filed.

Amendments to the Title and Specification begin on pages 2 and 3, respectively, of this Reply.

Amendments to the Claims are reflected in the Listing of Claims which begin on page 6 of this Reply.

The Remarks begin on page 16 of this Reply.

## **I. AMENDMENTS**

### **Amendment to the Title:**

Please replace the Title with: METHOD, SYSTEM, AND COMPUTER PROGRAM  
PRODUCT FOR IDENTIFYING DRUG TARGETS AND ENZYMES